

Converting Colors

$Y_{xy}(70.3741, 0.3572, 0.3677)$

Have a look what the booklet for
Yxy(70.3741, 0.3572, 0.3677)
contains.

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Color

Yxy(70.3808, 0.3573, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	F0D7B3
RGB	240, 215, 179
RGB Percent	94%, 84%, 70%
CMY	0.0588, 0.1568, 0.2982
CMYK	0.00, 0.10, 0.25, 0.06
HSL	35°, 67%, 82%
HSV	35°, 25%, 94%
XYZ	68.3716, 70.3808, 52.6038
YIQ	218.3710, 26.4560, -5.8960

Conversions

Conversions Part 2

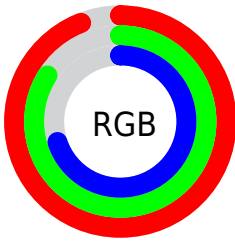
Format	Color
R _Y B	221, 240, 179
Decimal	15783859
CIE Lab	87.18, 3.25, 20.97
CIE LCh	87, 21.219, 81.193
Yxy	70.3808, 0.3573, 0.3678
Android (android.graphics.Color)	4293973939 (0xFFFF0D7B3)
YUV	218.3710, -19.4099, 18.9686
Hunter-Lab	83.8933, -1.3388, 21.5485

Details

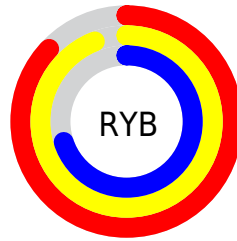
The Yxy color **70.3808, 0.3573, 0.3678** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.0376, 0.2716, 0.2868**, and the grayscale version is **70.5039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **36.7152, 0.3678, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **64.6391, 0.3783, 0.3837**, and if you desaturate by 10%, it is **76.5987, 0.3383, 0.3521**.

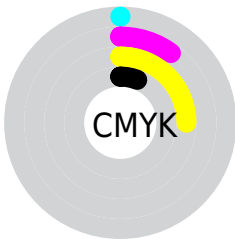
Distribution



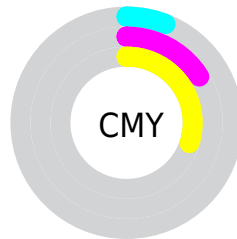
- Red (94%)
- Green (84%)
- Blue (70%)



- Red (87%)
- Yellow (94%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (25%)
- Black (6%)




- Cyan (6%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3808, 0.3573, 0.3678 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 70.3808, 0.3573, 0.3678 by changing the saturation by 10% instead.

 70.3808, 0.3573,
0.3678

 70.3808, 0.3573,
0.3678


461.8859, 0.3365,
0.3500

 51.8370, 0.3621,
0.3718


 119.7516, 0.3501,
0.3616

 36.8752, 0.3679,
0.3768


151.3475, 0.3473,
0.3592

 25.1109, 0.3753,
0.3829


188.0629, 0.3449,
0.3572

 16.1597, 0.3850,
0.3909

230.2821, 0.3428,
0.3554

 9.6372, 0.3980,
0.4014

278.3897, 0.3409,
0.3538

 5.1591, 0.4163,
0.4158

332.7699, 0.3393,

 2.3409, 0.4469,

0.3523

0.4395

393.8072, 0.3378,
0.3511

0.7952, 0.5122,
0.4878

0.0000, 0.0000,
0.0000

70.3808, 0.3573,
0.3678

70.3808, 0.3573,
0.3678

64.6391, 0.3783,
0.3837

76.5987, 0.3383,
0.3521

59.3501, 0.4009,
0.3990

83.2965, 0.3212,
0.3369

54.5020, 0.4246,
0.4129

90.4899, 0.3060,
0.3226

50.0787, 0.4485,
0.4241

96.8379, 0.3036,
0.3283

46.0627, 0.4715,
0.4314

97.2675, 0.3035,
0.3290

42.4340, 0.4921,
0.4338

39.1696, 0.5094,
0.4308

37.7881, 0.5164,
0.4282

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3808, 0.3642, 0.3508



70.3808, 0.3573, 0.3678



70.3808, 0.3383, 0.3750

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3808, 0.3573, 0.3678



70.3808, 0.2705, 0.3263



70.3808, 0.3108, 0.2931

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70.3808, 0.3573, 0.3678



59.0376, 0.2716, 0.2868

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3808, 0.2863, 0.2862



70.3808, 0.3573, 0.3678



70.3808, 0.2638, 0.3040

Square

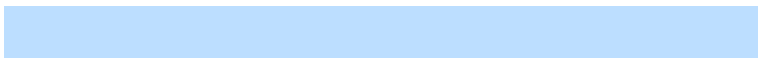
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3808, 0.3573, 0.3678



70.3808, 0.2883, 0.3506



70.3808, 0.2694, 0.2898



70.3808, 0.3367, 0.3086

Rectangle

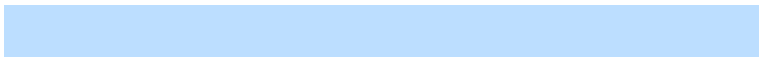
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3808, 0.3573, 0.3678



70.3808, 0.3217, 0.3725



70.3808, 0.2694, 0.2898



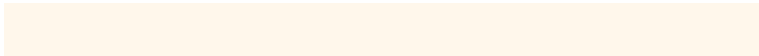
70.3808, 0.3021, 0.2897

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70.3840, 0.3573, 0.3678



93.5396, 0.3254, 0.3408



55.1279, 0.3446, 0.3015



19.7700, 0.3279, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3840, 0.3573, 0.3678



76.9673, 0.3689, 0.3768



83.2299, 0.3475, 0.3934



17.3103, 0.3278, 0.3429



20.9517, 0.5144, 0.4298



1.9382, 0.4985, 0.4424

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.0376, 0.2716, 0.2868



61.7151, 0.2618, 0.2759



48.7094, 0.2725, 0.2571



16.2919, 0.2980, 0.3147



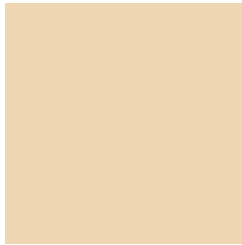
8.5027, 0.1692, 0.1292



0.8984, 0.1764, 0.1550

Previews

White Background



This preview shows how the Yxy color 70.3808, 0.3573, 0.3678 looks on a white background.

Color Contrast Check

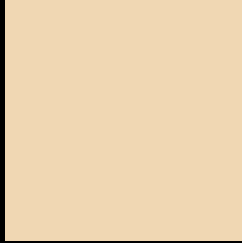
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 70.3808, 0.3573, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

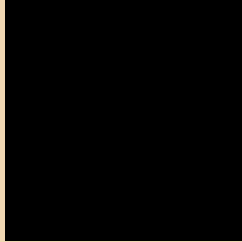
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3808, 0.3573, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 70.3808, 0.3573, 0.3678.



This preview shows how white text looks on a background with the Yxy color 70.3808, 0.3573, 0.3678.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70.3808, 0.3573, 0.3678

Protanopia

70.4270, 0.3488, 0.3707

Deuteranopia

70.2711, 0.3681, 0.3603



Tritanopia

70.6300, 0.3292, 0.3126

Trichromacy



Original Color

70.3808, 0.3573, 0.3678

Protanomaly

70.4134, 0.3514, 0.3694

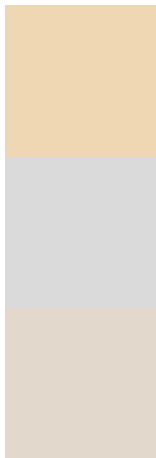
Deuteranomaly

70.3387, 0.3636, 0.3628

Tritanomaly

70.3757, 0.3398, 0.3322

Monochromacy



Original Color

70.3808, 0.3573, 0.3678

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.1541, 0.3282, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3808, 0.3573, 0.3678 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 215, 179)` looks like.

```
.text, #text, p{  
    color:rgb(240, 215, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 215, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 215, 179) }
```

Border

The CSS property to change the border of an element to Yxy 70.3808, 0.3573, 0.3678 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 215, 179) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 215, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 215, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 215, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 215, 179);  
box-shadow:4px 4px 4px 4px rgb(240, 215,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3808, 0.3573, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 215, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
215, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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